Index of Claims

| Application/Control No | A | ppli | cati | on/( | Cont | rol | No. |
|------------------------|---|------|------|------|------|-----|-----|
|------------------------|---|------|------|------|------|-----|-----|

09/831,600

Examiner

William K. Cheung

Applicant(s)/Patent under Reexamination

KIVELA ET AL.

Art Unit

1713

| √ | Rejected |
|---|----------|
| = | Allowed  |

| _ | (Through numeral)<br>Cancelled |
|---|--------------------------------|
| + | Restricted                     |

| N | Non-Elected  |
|---|--------------|
| ı | Interference |

| Α | Appeal   |
|---|----------|
| 0 | Objected |

| CI   | aim      |          |                 |          | Dat            | е  |          |          | 7:::::   | Cla      | aim        |                 |         | [        | Date          |               | -              | 7::::  | CI    | aim      |          |                 |              | Dat     | te                                     |                 |          |           |
|--|----------|----------|-----------------|----------|----------------|--|----------|----------|----------|----------|------------|-----------------|---------|----------|---------------|---------------|----------------|--|-------|----------|----------|-----------------|--------------|---------|--|-----------------|----------|-----------|
|  |          |          |                 |          |                |  | П        |          |          |          |            |                 |         | 1        |               |               |                |  |       |          |          |                 | $\top$       | Т       | T                                      |                 |          | $\Box$    |
| Final  | Original | 2/11/06  |                 | 1        | 1              |  | ll       |          |          | ल        | Original   |                 |         |          | H             |               |                |  | ď     | Original |          |                 |              |         | 1                                      |                 |          | ı         |
| 년  | ij       | 11       | Ιİ              |          |                |  |          |          |          | Final    | <u>:</u> Ē |                 |         |          |               |               |                |  | Final | ij       |          | -               | 1            |         | 1                                      |                 |          |           |
| _  | 0        | 2        |                 |          |                |  |          |          |          | -        | O          |                 |         |          |               |               |                |  | _     | Ō        | l l      |                 | 1            |         | İ                                      | ΙÍ              | . 1      | H         |
|  | 1        | 1        | Н               | +        | +              | Н  | $\vdash$ | $\dashv$ | -        | <b></b>  | 51         |                 | +       | +        | $\vdash$      | +             | ├──            | -  |       | 101      | $\vdash$ | +               | ╁            | ╅╾      | ╁                                      | ┥               | $\dashv$ | $\vdash$  |
|  | 2        | Ľ        | ╁               |          | +-             | -  | $\vdash$ | +        | -        |          | 52         | <del>   -</del> |         | +        | -             | +             | $\vdash$       | -  |       | 102      | $\vdash$ |                 | ┰            | ╁       | ╌                                      | ⊢               | -        | $\dashv$  |
|  |          | 1        | -               |          | +              | +  | $\vdash$ |          | -        | <u> </u> |            | -               | -       | +-       | +             | +             | ⊢              | -  |       |          |          | -               | +            | +-      | +                                      | $\vdash$        | -        |           |
|  | 3        | 1        |                 | -        | +              | +  |          |          | -        |          | 53<br>54   | $\vdash$        | +       | +-       | $\vdash$      |               |                | -  |       | 103      | $\vdash$ | +               | +            | +       | +                                      | $\vdash \vdash$ | $\dashv$ | $\dashv$  |
| <u> </u>   |          | V        | $\vdash$        |          | +              | $\vdash$   | -        |          | -        |          |            | $\vdash$        |         | -        | -             | -             | $\vdash$       | -  |       | 104      | $\vdash$ |                 | +            | +       | +                                      | $\vdash$        | $\dashv$ |           |
| <u> </u>   | 9        | 1        | $\vdash$        |          | +-             |  | -        |          | -        |          | 55         | <u> </u>        |         | -        | $\vdash$      | +             |                |  |       | 105      | -        |                 | +            | $\perp$ | -                                      | ⊢⊢              |          | _         |
| <u> </u>   | 6        | ·        |                 |          |                |  | -        | _        |          |          | 56         |                 | -⊦-     | ₩.       | -             | _             |                | 4:::::                                       |       | 106      |          | $\dashv$        | _            | +-      | +                                      | $\vdash$        |          |           |
|  | 7_       | +        | $\dashv$        |          | +              | $\vdash$   |          |          |          | ļ        | 57         | -               |         | 1        | 1             |               |                | 4  |       | 107      | $\vdash$ | $\dashv$        | _            |         | ┼                                      | $\vdash$        |          |           |
| <u> </u>   | 8        | 4        | $\square$       |          | ╀              | Н  |          | _        | -        |          | 58         | -               | -       | 1        | <b>-</b>      |               |                |  |       | 108      | Ш        | _               | $\perp$      | - -     |  | $\vdash$        | $\dashv$ | $\square$ |
| <u> </u>   | 9        | 4        | $\dashv$        |          |                |  |          | _        | 4        |          | 59         |                 | _       | 1        | -             |               |                |  |       | 109      | Ш        | _               | 4            | - -     | -                                      | $\sqcup$        | _        | _         |
|  | 10       | 4        |                 |          | _              | Ш  | $\Box$   |          | 4        |          | 60         |                 | _       | 1        |               |               |                |  |       | 110      |          | _               | _            | _       | _                                      | Ш               | _        | $\Box$    |
| <u> </u>   | 11       | 4        | Ш               | $\perp$  | -              | Щ  | $\sqcup$ |          |          |          | 61         |                 | 4_      |          | $\sqcup$      |               |                | 1  |       | 111      | Ш        | $\perp$         | $\perp$      | _       | _                                      | Ш               |          |           |
|  | 12       | 4        |                 |          | 1_             | Ш  | Ш        | $\perp$  |          |          | 62         |                 | $\bot$  | $\perp$  | $\sqcup \bot$ |               | Щ.             | J  |       | 112      | Ш        |                 | ┸            | $\perp$ | $\perp$                                | Ш               |          |           |
|  | 13       | 1        | Ш               |          |                | Ш  | $\Box$   |          | ]        |          | 63         | $\sqcup \bot$   |         | $\perp$  | <b> </b>      |               | $oxed{oxed}$   |  |       | 113      |          |                 |              | $\perp$ |  | Ш               |          |           |
|  | 14       | Щ        | $\Box$          |          | 1_             |  |          | $\perp$  | 1        | L        | 64         |                 |         |          |               |               |                |  |       | 114      | Ш        |                 |              |         |  | Ш               |          |           |
|  | 15       |          |                 |          |                | Ш  |          |          | 1        |          | 65         |                 |         |          |               |               |                |  |       | 115      |          | $\Box$          |              | I       |  |                 |          |           |
|  | 16       |          |                 |          |                | Ш  |          |          | ]        |          | 66         |                 |         |          |               |               |                |  |       | 116      |          | $oxed{T}$       |              |         |  |                 | ]        |           |
|  | 17       |          |                 |          |                |  |          |          | ]        |          | 67         |                 |         |          |               |               |                |  |       | 117      |          |                 |              |         |  |                 |          |           |
|  | 18       |          |                 |          |                |  |          |          | 7        |          | 68         |                 | T       |          |               |               |                | 1  |       | 118      |          |                 |              | Τ       |  |                 |          |           |
|  | 19       | Т        |                 |          | Τ.             | П  |          | $\neg$   |          |          | 69         |                 |         |          | $\neg$        | $\top$        |                | 1  |       | 119      |          | T               |              | 1       |  |                 |          | $\neg$    |
|  | 20       | Т        |                 |          |                |  |          |          | 1        |          | 70         |                 | 1       |          |               |               |                | 1 1  |       | 120      |          |                 | $\top$       | 1       |  | П               | $\neg$   |           |
|  | 21       | T        |                 |          |                |  |          |          | 1        |          | 71         |                 |         |          |               |               |                | 1 1  |       | 121      |          |                 |              |         |  |                 | コ        | $\neg$    |
|  | 22       | 7        |                 |          |                |  |          |          | 1        |          | 72         |                 |         |          |               | +             |                | 1 1  |       | 122      |          |                 | 1            |         |  |                 | コ        | $\dashv$  |
|  | 23       | 1.       |                 | $\top$   | $\top$         | П  | $\neg$   |          | 1        |          | 73         |                 |         |          |               |               |                | 1  |       | 123      |          | _               | $\top$       | †       |  | $\Box$          | $\neg$   | $\dashv$  |
|  | 24       | ∜        |                 | 1        | 1              |  |          | _        | 1        |          | 74         |                 | +       | +        |               | $\top$        |                | 1  |       | 124      |          |                 | +            |         | 1                                      |                 |          | $\dashv$  |
|  | 25       | 1        | $\Box$          |          | 1              |  | _        |          | 1        |          | 75         |                 | $\top$  | T        | $\top$        |               | <del></del>    | 1  |       | 125      |          | $\top$          | +            | +-      | +                                      |                 | 一        | $\dashv$  |
|  | 26       |          | $\neg \uparrow$ |          | †-             |  |          | 1        | 1::::    |          | 76         | _               | +       | +        | $\dashv$      |               | _              | 1  | -     | 126      |          | -               | +            | +-      | ╁                                      | H               | $\dashv$ | $\dashv$  |
|  | 26<br>27 |          |                 | $\dashv$ | +              | Н  | $\dashv$ |          | 1        |          | 77         | +               | +       | $\vdash$ | $\dashv$      | $\dashv$      | +              |  |       | 127      |          | $\dashv$        | +            | +       | $\vdash$                               | $\vdash$        | $\dashv$ | ᅱ         |
|  | 28       |          | $\dashv$        | +        | 1              |  | $\dashv$ |          | 1        |          | 78         | -+              | +       | 1-1      | -             | 1             | $\vdash$       | 1 1  |       | 128      | -        | $\dashv$        | +            | +-      | ╁                                      |                 | $\dashv$ | $\dashv$  |
| $\vdash$   | 29       | 1        | $\dashv$        |          | +              | ╁═╁  | -        | +        | 1        |          | 79         | -+              |         | $\Box$   | $\dashv$      | +             | <del></del>    | 1  |       | 129      | $\vdash$ |                 | +            | ╫       | ╁                                      | $\vdash$        | $\dashv$ | $\dashv$  |
|  | 30       | ÷        | $\dashv$        | +        | +              | -  | -        | +        | ┨        |          | 80         |                 | +       | H        | +             |               |                | 1  |       | 130      | $\dashv$ | -               | +-           | ╅       | +                                      | $\vdash$        | $\dashv$ | $\dashv$  |
|  | 31       | _        | _               | -        | +              | ╁─┼  | $\dashv$ | +        | 1        |          | 81         |                 | +       | +        |               | $\dashv$      | -+-            | 1  |       | 131      | $\dashv$ | ┰               | +            | +       | $\vdash$                               | $\vdash$        | $\dashv$ | $\dashv$  |
| -  | 32       |          | $\dashv$        | +        | -              | $\vdash$   | $\dashv$ | +        | 1        |          | 82         |                 | +       | +        |               |               |                | 1  |       | 132      |          | <del>-</del>  - | +            | +       | $\vdash$                               | $\vdash \vdash$ | $\dashv$ | $\dashv$  |
|  | 33       |          | $\dashv$        |          | 1              | $\vdash$   |          | +        | 1        |          | 83         |                 | +       | 1 1      |               |               | _              | -  |       | 133      | $\dashv$ | ┿               | +            | ╁       | ╁                                      | $\vdash$        | $\dashv$ | ᅱ         |
| <del>                                     </del> | 34       | $\dashv$ | $\dashv$        | +-       | +-             | ⊣  |          | +        | 1        |          | 84         |                 | +       | +        |               | $\dashv \neg$ | <del>- -</del> | 1 1  |       | 134      | $\dashv$ | $\dashv$        | +            | +       | +-                                     | $\vdash \vdash$ | $\dashv$ | $\dashv$  |
| <del></del>                                      | 35       |          | -               |          | <del>  -</del> | $\vdash$   | $\dashv$ | +        | 1        |          | 85         |                 | +       | +        | +             | +             |                | 1  |       | 135      | $\dashv$ |                 | - -          | +-      | $\vdash$                               | ┝┽              | $\dashv$ | $\dashv$  |
| <u> </u>   | 36       | $\dashv$ | $\dashv$        | +        | +-             | $\vdash$   | $\dashv$ |          | 1        |          | 86         |                 | +       | +        | $\dashv$      |               |                | { }  |       |          | $\dashv$ | -+-             | +            | +-      | $\vdash$                               | $\vdash$        | $\dashv$ | ᅴ         |
| <del> </del>                                     | 37       | $\dashv$ | $\dashv$        | +        | -              | ┝╾┤  | $\dashv$ |          | 1        |          | 87         |                 | +-      | $\vdash$ |               | +             |                |  |       | 136      | $\dashv$ |                 | - -          | +-      | ₩                                      |                 | $\dashv$ | $\dashv$  |
| <u> </u>   | 38       |          | $\dashv$        |          | ╫              | ⊢  | +        | +        | 1        |          |            |                 | +       | +        | +             | +             | $\vdash$       | 1  |       | 137      | $\dashv$ | +               | +            | +-      | ┼                                      | $\vdash \vdash$ | $\dashv$ |           |
| <u> </u>   |          |          | +               | - -      | +              | Н  | $\dashv$ | +        |          |          | 88         | +               | +-      | +-       |               |               | $\vdash$       | { }  |       | 138      | $\dashv$ |                 | +            | +       | $\vdash$                               | $\vdash$        |          | 긕         |
| <u> </u>   | 39<br>40 |          | -+              | +        | +              | $\vdash \vdash$                                  | -+       |          | 4        |          | 89         | -               | +-      | +        |               |               |                | <b>,</b> ,                                   |       | 139      |          | +               | +            | +       |  | ┝╼┼             |          |           |
| <del>                                     </del> | 40       | _        | $\dashv$        | +        | -              | <del>                                     </del> | -        |          |          |          | 90         | <del> -</del>   | -       | $\vdash$ |               |               | $\dashv$       | <b>                                     </b> |       | 140      | $\dashv$ |                 | -            | +-      | ₩.                                     |                 | $\dashv$ | ᅴ         |
| <del>-</del>                                     | 41       |          | -               | +        | -              | $\vdash \vdash$                                  | _        |          |          |          | 91         |                 | -       | 4        |               | +             |                |  |       | 141      | _        |                 | <del> </del> | +-      |  | $\vdash \vdash$ |          | _         |
|  | 42       | _        | _               | +        | 1              | $\vdash \vdash$                                  | $\dashv$ |          |          |          | 92         | —⊢              | +       | $\sqcup$ |               | 4-4           | _              |  |       | 142      | _        |                 | $\bot$       | 4       | <u> </u>                               | Ш               | _        | _         |
|  | 43       | _        | $\dashv$        | +        | -              | $\sqcup$   | $\dashv$ | _ _      |          |          | 93         | _               | 4       | $\sqcup$ |               | _             |                |  |       | 143      | _        |                 | 1            | _       |  | $\sqcup$        | _        | _         |
|  | 44       | _        |                 | -        |                | $\sqcup$   | _        | $\bot$   | <b> </b> |          | 94         |                 |         | ┯        | _             | _ _           | $\perp$        |  |       | 144      | _        | $\perp$         | $\perp$      | $\perp$ | <u> </u>                               | Ц               | $ \bot $ |           |
| ļ  | 45       |          | _               | $\perp$  | ╙              | $\sqcup$   | $\perp$  | $\perp$  |          |          | 95         | _               | 4_      | Ш        |               | $\perp \perp$ |                |  |       | 145      |          |                 |              | 1_      | $oldsymbol{oldsymbol{oldsymbol{eta}}}$ | Ш               | $\Box$   |           |
|  | 46       |          | _               |          | <b>L</b> .     |  | $\perp$  |          |          | $\Box$   | 96         |                 | $\perp$ | $\sqcup$ |               |               |                |  |       | 146      | _        | $\perp$         | $\perp$      |         |  | Ш               |          |           |
|  | 47       |          | _               | _ _      |                | Ш  | _        |          |          |          | 97         |                 |         | Ш        | $\perp$       |               |                |  |       | 147      |          | $\perp$         | $\perp$      | $\perp$ |  | Ш               |          | ]         |
|  | 48       |          | _               |          | 1              | $\sqcup$   | $\perp$  |          |          |          | 98         |                 |         | $\sqcup$ | $\perp$       |               |                | ]::::[                                       |       | 148      |          |                 |              | L       |  |                 |          |           |
|  | 49       |          | $\perp$         |          | 1              | Ш  |          |          | .:::::   |          | 99         |                 |         | Ш        |               |               |                | ][   |       | 149      |          |                 |              | L       |  | $\Box$          | $\Box$   |           |
|  | 50       |          |                 |          |                |  | $\perp$  |          | J:::::   |          | 100        | L               |         | Ш        |               |               |                | ][   |       | 150      |          |                 |              |         |  |                 |          |           |